

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/12689

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> A61B8/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61B8/00, A61B5/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-17726 A (Shigeo OTSUKI), 22 January, 2002 (22.01.02), Column 1, line 28 to column 2, line 32 (Family: none)	1, 2
A	Toshiyuki HAYASE, "Nagareba no Suchi Simulation to Kaso Keisoku", Keisoku to Seigyo, 10 November, 2001 (10.11.01), Vol.40, No.11, pages 790 to 794	1, 2
A	Toshiyuki HAYASE et al., "Keisanki o Enyo shita Ryudoba no Seigyo ni Kansuru Kisoteki Kenkyu (Ryudoba ni Taisuru Observer no Kosei).", Transactions of the Japan Society of Mechanical Engineers, Series B, 25 June, 1996 (25.06.96), Vol.62, No.598, pages 2261 to 2268	1, 2

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
28 October, 2003 (28.10.03)Date of mailing of the international search report  
11 November, 2003 (11.11.03)Name and mailing address of the ISA/  
Japanese Patent Office

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Toshiyuki HAYASE, "Yugen Taisekiho (SIMPLER-ho)", Journal of the Japan Hydraulics & Pneumatics Society, 15 July, 1995 (15.07.95), Vol.26, No.4, pages 407 to 413	1,2
A	E. Menigault et al., Feto-maternal circulation: mathematical model and comparison with Doppler measurements, European Journal of Ultrasound, 1998, Vol.7, No.2, pages 129 to 143	1,2
A	JP 11-316180 A (Koninklijke Philips Electronics N.V.), 16 November, 1999 (16.11.99), Full text; Figs. 1 to 6 & US 6135957 A                      & EP 913508 A1	1,2